

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	(osteoporosis or fragility) same (COC or (gamma adj1 carboxylated adj1 osteocalcin))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/22 16:17
L2	64	(osteoporosis or fragility) and (COC or (gamma adj1 carboxylated adj1 osteocalcin))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/22 16:18
L3	2	(osteoporosis or fragility) same (COC or (gamma adj1 carboxylated adj1 osteocalcin))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/22 16:18
L4	11	antibody same (COC or (gamma adj1 carboxylated adj1 osteocalcin))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/22 16:18

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 16:41:58 ON 22 MAR 2005

=> file .meeting

'EVENTLINE' IS NOT A VALID FILE NAME

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

ENTER A FILE NAME OR (IGNORE):ignore

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'AGRICOLA' ENTERED AT 16:42:21 ON 22 MAR 2005

FILE 'BIOTECHNO' ENTERED AT 16:42:21 ON 22 MAR 2005

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FILE 'HEALSAFE' ENTERED AT 16:42:21 ON 22 MAR 2005

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=> osteocalcin and osteoporosis and antibody

L1	0	FILE AGRICOLA
L2	20	FILE BIOTECHNO
L3	0	FILE CONFSCI
L4	0	FILE HEALSAFE
L5	0	FILE IMSDRUGCONF
L6	3	FILE LIFESCI
L7	0	FILE MEDICONF
L8	13	FILE PASCAL

TOTAL FOR ALL FILES

L9	36	OSTEOCALCIN AND OSTEOPOROSIS AND ANTIBODY
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=> 19 and gamma(2A)carboxylated(2A)osteocalcin

L10	0	FILE AGRICOLA
L11	1	FILE BIOTECHNO
L12	0	FILE CONFSCI
L13	0	FILE HEALSAFE
L14	0	FILE IMSDRUGCONF

L15 0 FILE LIFESCI
L16 0 FILE MEDICONF
L17 1 FILE PASCAL

TOTAL FOR ALL FILES

L18 2 L9 AND GAMMA(2A) CARBOXYLATED(2A) OSTEOCALCIN

=> 19 and 118

L19 0 FILE AGRICOLA
L20 1 FILE BIOTECHNO
L21 0 FILE CONFSCI
L22 0 FILE HEALSAFE
L23 0 FILE IMSDRUGCONF
L24 0 FILE LIFESCI
L25 0 FILE MEDICONF
L26 1 FILE PASCAL

TOTAL FOR ALL FILES

L27 2 L9 AND L18

=> dup rem

ENTER L# LIST OR (END):L27

DUPLICATE IS NOT AVAILABLE IN 'IMSDRUGCONF, MEDICONF'.

ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE

PROCESSING COMPLETED FOR L27

L28 1 DUP REM L27 (1 DUPLICATE REMOVED)

=> d l28 ibib abs total

L28 ANSWER 1 OF 1 BIOTECHNO COPYRIGHT 2005 Elsevier Science B.V. on STN
DUPLICATE

ACCESSION NUMBER: 1991:21190175 BIOTECHNO

TITLE: A one step sandwich enzyme immunoassay for .
gamma.-carboxylated
osteocalcin using monoclonal
antibodies

AUTHOR: Koyama N.; Ohara K.; Yokota H.; Kurome T.; Katayama
M.; Hino F.; Kato I.; Akai T.

CORPORATE SOURCE: Biotechnology Research laboratory, Takara Shuzo Co.
Ltd., Otsu, Shiga 520-21, Japan.

SOURCE: Journal of Immunological Methods, (1991), 139/1
(17-23)

CODEN: JIMMBG ISSN: 0022-1759

DOCUMENT TYPE: Journal; Article

COUNTRY: Netherlands

LANGUAGE: English

SUMMARY LANGUAGE: English

AN 1991:21190175 BIOTECHNO

AB A highly sensitive, simple and reliable one-step sandwich enzyme
immunoassay (EIA) for the **.gamma.-carboxylated** form
of **osteocalcin** (Gla-OC) has been developed using a monoclonal
antibody. The minimum amount of Gla-OC detected by this EIA was
approximately 0.2 ng/ml when a 10 µl aliquot of the sample was used.
The serum Gla-OC level in 30 healthy subjects was 3.6 ± 2.19 ng/ml
(mean \pm SD). A significant increase was seen in patients with chronic
renal failure (20.3 ± 4.60 ng/ml), atherosclerosis (8.3 ± 4.94
ng/ml) and **osteoporosis** (10.1 ± 4.60 ng/ml). The correlation
between the values obtained by the sandwich EIA and competitive RIA
methods was given by the linear regression equation, $y = 2.896 + 0.759x$,
for which the correlation coefficient (r) was 0.815 (n = 58). This newly
developed Gla-OC specific EIA may be useful for the diagnosis of
metabolic bone disease and ectopic calcification.

=> kakounea s/au

L29 0 FILE AGRICOLA
L30 0 FILE BIOTECHNO
L31 0 FILE CONFSCI

L32 0 FILE HEALSAFE
'AU' IS NOT A VALID FIELD CODE
L33 0 FILE IMSDRUGCONF
L34 0 FILE LIFESCI
'AU' IS NOT A VALID FIELD CODE
L35 0 FILE MEDICONF
L36 0 FILE PASCAL

TOTAL FOR ALL FILES

L37 0 KAKOUNEA S/AU

=> heikki l/au

L38 0 FILE AGRICOLA
L39 0 FILE BIOTECHNO
L40 0 FILE CONFSCI
L41 0 FILE HEALSAFE
'AU' IS NOT A VALID FIELD CODE
L42 0 FILE IMSDRUGCONF
L43 0 FILE LIFESCI
'AU' IS NOT A VALID FIELD CODE
L44 0 FILE MEDICONF
L45 0 FILE PASCAL

TOTAL FOR ALL FILES

L46 0 HEIKKI L/AU

=> lunkenin h/au

L47 0 FILE AGRICOLA
L48 0 FILE BIOTECHNO
L49 0 FILE CONFSCI
L50 0 FILE HEALSAFE
'AU' IS NOT A VALID FIELD CODE
L51 0 FILE IMSDRUGCONF
L52 0 FILE LIFESCI
'AU' IS NOT A VALID FIELD CODE
L53 0 FILE MEDICONF
L54 0 FILE PASCAL

TOTAL FOR ALL FILES

L55 0 LUNKINEN H/AU

=> pettersson k/au

L56 12 FILE AGRICOLA
L57 87 FILE BIOTECHNO
L58 38 FILE CONFSCI
L59 1 FILE HEALSAFE
'AU' IS NOT A VALID FIELD CODE
L60 0 FILE IMSDRUGCONF
L61 56 FILE LIFESCI
'AU' IS NOT A VALID FIELD CODE
L62 0 FILE MEDICONF
L63 140 FILE PASCAL

TOTAL FOR ALL FILES

L64 334 PETTERSSON K/AU

=> 164 and 19

L65 0 FILE AGRICOLA
L66 0 FILE BIOTECHNO
L67 0 FILE CONFSCI
L68 0 FILE HEALSAFE
L69 0 FILE IMSDRUGCONF
L70 0 FILE LIFESCI
L71 0 FILE MEDICONF
L72 0 FILE PASCAL

TOTAL FOR ALL FILES

L73 0 L64 AND L9